

**In the Claims:**

Please amend claims 1 and 16 as follows:

Sub D1  
C1  
1. (Three Times Amended) A biodegradable and bioactive composite material for surgical osteosynthesis applications comprising: i) at least one resorbable polymeric matrix component, ii) at least one resorbable polymeric reinforcing component as a large scale reinforcing element and iii) at least one bioceramic or bioglass reinforcing component as a smaller scale reinforcing element mixed with said matrix component, said bioceramic or bioglass reinforcing component being a bony ongrowth agent having coarse particles, [wherein said matrix component and said bioceramic or bioglass reinforcing component are mixed together and said polymeric reinforcing component is combined therewith] wherein said composite material is ductile.

Sub D2  
C2  
16. (Twice Amended) A biodegradable and bioactive composite material for surgical osteosynthesis applications comprising: i) at least one resorbable polymeric matrix component, ii) at least one resorbable polymeric reinforcing component in fiber form and iii) at least one bioceramic or bioglass reinforcing component as a bony ongrowth agent having coarse particles and mixed with said matrix component, [wherein said matrix component and said bioceramic or bioglass reinforcing component are mixed together and said polymeric reinforcing component is combined therewith, and] the diameter of the resorbable polymeric reinforcing component [is] being greater than the diameter or particle size of the bioceramic or bioglass reinforcing component, said composite material further having increased mechanical strength and ductility.

**REMARKS**

Claims 1-22 have been examined in the above-referenced Action. In response to this